

ABSTRACT

The mechanical property known as "strength at young ages" of cement matrices or hydraulic binders may be significantly improved by adding dispersions 5 of mineral fillers and dispersing agents. The dispersing agents of the present invention comprise copolymers prepared by the radical copolymerization of at least one alkoxy-, aryloxy-, alkylaryloxy- or arylalkyloxy-polyalkylene glycol ethylenic urethane monomer with at least one anionic monomer and at least one non-ionic monomer, and optionally, an alkoxy-, aryloxy-, alkylaryloxy- or arylalkyloxy- 10 polyalkylene glycol acrylate or methacrylate or an alkyloxy-, aryloxy-, alkylaryloxy- or arylalkyloxy-polyalkylene glycol allyl ether, and/or a crosslinking agent.